

A B S T R A C T

A MAGNETIC COATING, A METHOD OF APPLYING SUCH A COATING, AND
A COATING APPARATUS FOR IMPLEMENTING THE METHOD

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The invention seeks to provide a magnetized coating
suitable for exerting durable magnetic forces. To do this,
the method of the invention consists in spreading conductive
particles (13) on a medium (11), the particles being
10 directed by prior magnetization along an inducing magnetic
field and being embedded in a binder (12). The coating
apparatus for implementing the method of the invention
comprises means (10, 15) for feeding the medium (11) onto a
conveyor (20), means for applying a main binder (12) via
15 presser rollers (40) and via at least one nozzle (30), said
means being coupled to heater means, a tank (50) of
particles (13) coupled to a duster (51) for dispensing the
fill of particles, means for spreading the fill of particles
within the main binder, electromagnetic means (60) for
20 producing an anisotropic magnetic field for magnetizing the
particles, a sprayer (80) for depositing an additional
binder, dryer means (100), demagnetizer means (110), and
winder means (120). The invention is applicable to media
particularly in paper-making, games, decoration, or
25 building.

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Translation of the title and the abstract as they were when originally filed by the
35 Applicant. No account has been taken of any changes that may have been made subsequently
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